

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

Lake Carmel
7 1/2' quod

RECORD OF WELL

OR
ask Beal about
casing water
sample test etc

Carmel 15' qua
15y - 2.95 - 3.3E

Locate well on plat of section.

1. Location: State N. Y. County Putnam
Nearest P. O. Carmel Direction from P. O. N
Distance from P. O. 2 1/2 miles; 1/4 sec. , T. , R.
If in city, give street and number Town of Kent
St. Cal. (retired) RFD
2. Owner: Charles Compton Smith Address Carmel, N. Y.
Driller: P. J. Beal & Sons Address Brewster, N. Y.
3. Situation: Is well on upland, in valley, or on hillside? hillside, near valley.
4. Elevation of top of well: 755 ft. above the level of sea
(Above or below) (Sea, deposit lake, or stream)
5. Type of well: drilled; kind of drilling rig used core drill
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 112 ft.; year in which well was finished summer 1937
Does well enter rock? yes; if so, at what depth? ALMOST IMMEDIATELY ft.; kind of rock granite-gneiss
7. Diameter: At top 6 inches; at bottom 6 inches.
8. Principal water bed: granite-gneiss
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 102 ft.; thickness of bed ft.
If other water supplies were found, give depth to each none.
9. Casings: Kind steel; size 6"; length 18 ft.; between depths of 0 and 85 ft.
Kind ; size ; length ft.; between depths of and ft.
Kind ; size ; length ft.; between depths of and ft.
Packers (if any): Depth at which packers were used none; kind
Screen or Strainer: Was well finished with screen? no; kind of screen
length of screen ft.; diameter inches; size of openings
10. Head: Does well at present overflow without pumping? no; did it overflow when new? no
if flowing, give pressure lb. per sq. inch; or height water will rise in a pipe ft. above surface;
original pressure or head ; if not flowing, give water level in well 12 ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump Wyers - 6" stroke - 2,000 Gal.
size or capacity of pump ; kind of power electric storage tank
12. Yield: Natural flow at present (if any) gallons per minute; original flow gallons per minute;
well has been pumped at 4- Beal 6 AM - Augie Anderson gallons per minute continuously for hours;
quantity of water ordinarily obtained from well 150-200 gallons per day.
13. Use: For what purpose is the water used? Dom - 1 family - 2 houses
14. Quality of the water: very soft; is there an analysis?
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: Temperature of water 68-70 °F.
Name of person filling blank W. J. Grossman from Mrs. Smith
Date 7-18-50 Address V. J. Sat Albany & Beal's records
On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.
+ Augie Anderson 10-20-50

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL
(Give color and tell whether hard or soft)

DEPTH, IN FEET

From—

To—

THICKNESS,
IN FEETREMARKS
(Especially information as to water found)

Soil and boulders
Granite - gneiss
↑ examined by J.G.

a

2

2

2

112

110

black & white bands

Drill core still on property. Well about 8'-10' lower than house. Numerous outcrops on property. Driller reported to have "lost water" at 102 ft., indicating a cavity.

Numerous springs in this area feed houses north and south of the one. (on main road running north-south)